

# Converting Colors

Hex(B4E697)

Have a look what the booklet for  
Hex(B4E697) contains.

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**Color**

**Hex(B4E697)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | B4E697                      |
| RGB         | 180, 230, 151               |
| RGB Percent | 71%, 90%, 59%               |
| CMY         | 0.2941, 0.0980, 0.4078      |
| CMYK        | 0.22, 0.00, 0.34, 0.10      |
| HSL         | 98°, 61%, 75%               |
| HSV         | 98°, 34%, 90%               |
| XYZ         | 52.7051, 68.5313, 39.7282   |
| YIQ         | 206.0440, -4.4410, -35.1690 |

# Conversions

## Conversions Part 2

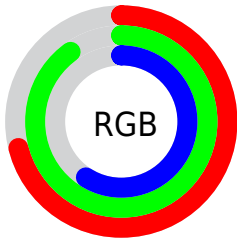
| <b>Format</b>                       | <b>Color</b>                                     |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">151, 230, 201</a>                    |
| Decimal                             | <a href="#">11855511</a>                         |
| CIELab                              | <a href="#">86.27, -30.05, 33.42</a>             |
| CIElCh                              | <a href="#">86, 44.937, 131.961</a>              |
| Yxy                                 | <a href="#">68.5313, 0.3274,<br/>0.4258</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4290045591<br/>(0xFFB4E697)</a>      |
| YUV                                 | <a href="#">206.0440, -27.1367,<br/>-22.8406</a> |
| Hunter-Lab                          | <a href="#">82.7836, -31.2273,<br/>29.4951</a>   |

# Details

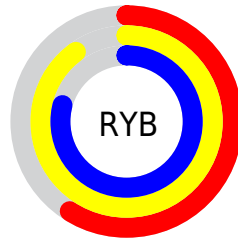
The Hex color **B4E697** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **C997E6**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **EDFFCE**, and **7EAE63** is the 20% darker color. If you saturate the color by 10%, you get **A5E680**, and if you desaturate by 10%, it is **C3E6AE**.

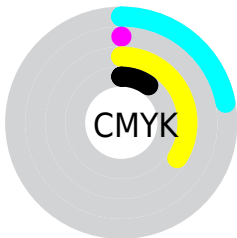
# Distribution



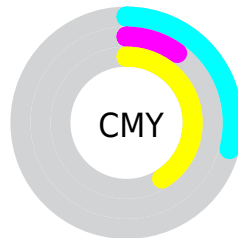
- Red (71%)
- Green (90%)
- Blue (59%)



- Red (59%)
- Yellow (90%)
- Blue (79%)



- Cyan (22%)
- Magenta (0%)
- Yellow (34%)
- Black (10%)



- Cyan (29%)
- Magenta (10%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4E697 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color B4E697 by changing the saturation by 10% instead.



 B4E697

 B4E697

FFFFFF

 99CA7D


 EDFFCE

 7EAE63

 FFFFEA

 64934A

 4A7932

 31601B

 164801

 003100

 001E00

 000000

 B4E697

 B4E697

 A5E680

 C3E6AE

 97E669

 D1E6C5

 88E652

 E0E6DC

 7AE63B

 EEE6F3

 6BE624

 FDE6FF

 5DE60D

 FFE6FF

 54E600

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E3DB83



B4E697



7EEDBC

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B4E697



6CE3FF



FFB7C8

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



B4E697



C997E6

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFBAF3



B4E697



B6D6FF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B4E697



22ECFF



F3C7FF



FFBEA1

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B4E697



56EFD9



F3C7FF



FFB7D7

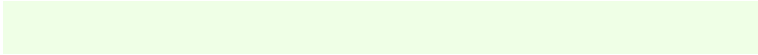


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



B4E697



EFFFE6



E6C897



768070



000000



808080

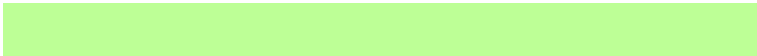


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



B4E697



BDFF96



97E6A0



6B7367



42B300



133300



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C997E6



D996FF



E697DD



6F6773



7100B3



200033



# Previews

## White Background



This preview shows how the Hex color B4E697 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color B4E697 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

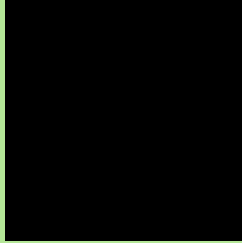
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B4E697 Background



This preview shows how black text looks on a background with the Hex color B4E697.

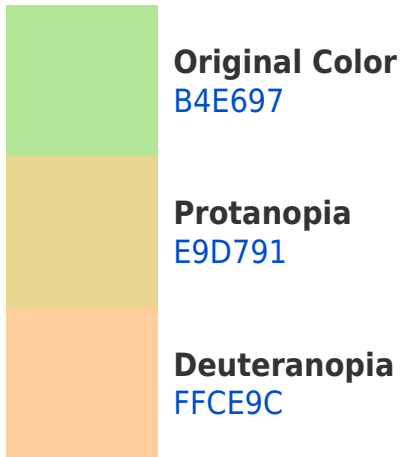


This preview shows how white text looks on a background with the Hex color B4E697.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

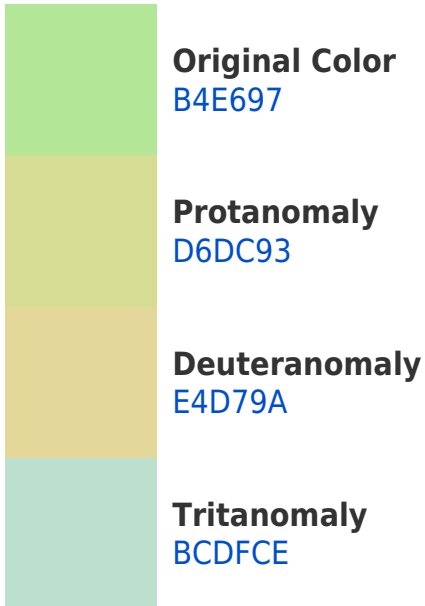
## Dichromacy



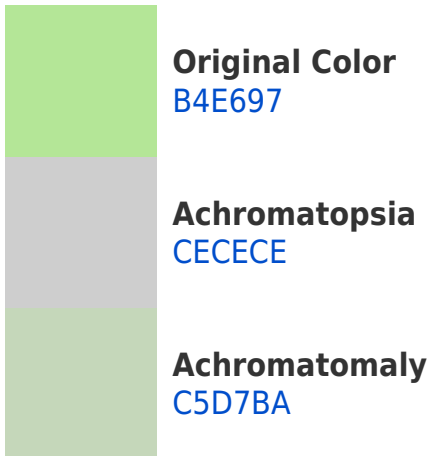


**Tritanopia**  
C1DBED

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4E697 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #B4E697 looks like.

```
.text, #text, p{  
    color:#B4E697  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #B4E697 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4E697
}
```

## Border

The CSS property to change the border of an element to Hex B4E697 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B4E697 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#B4E697 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #B4E697 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4E697; -webkit-box-shadow:4px 4px  
4px 4px #B4E697; box-shadow:4px 4px 4px  
4px #B4E697 }
```

# Background

The CSS property to change the background color of an element to Hex B4E697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4E697 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#B4E697 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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